## UTILITY PATENT APPLICATION **TRANSMITTAL**

503.40146X00 Attorney Docket No. Tetsuya AOYAMA, ET AI First Inventor

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.
APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application
See MPEP chapter 600 concerning utility patent application contents.	Washington, DC 20231
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status.	7 CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission
2. See 37 CFR 1.27.	(if applicable, all necessary)
3. X Specification [Total Pages 83]	a. Computer Readable Form (CRF)
- Descriptive title of the invention	b. Specification Sequence Listing on
<ul> <li>Cross Reference to Related Applications</li> <li>Statement Regarding Fed sponsored R &amp; D</li> </ul>	i. CD-ROM or CD-R (2 copies), or
- Reference to sequence listing, a table,	ii L paper
or a computer program listing appendix - Background of the Invention	c. Statements verifying identity of above copies
<ul> <li>Brief Summary of the Invention</li> </ul>	ACCOMPANYING APPLICATION PARTS
<ul> <li>Brief Description of the Drawings (if filed)</li> <li>Detailed Description</li> </ul>	9. X Assignment Papers (cover sheet & document(s))
- Claim(s)	37 CFR 3.73(b) Statement V Power of
- Abstract of the Disclosure	10. (when there is an assignee) Attorney
4. X Drawing(s) (35 U.S.C. 113) [ Total Sheets 17 ]	11. English Translation Document (if applicable)  Information Disclosure Copies of IDS
5. Oath or Declaration [Total Pages 5]	12. Statement (IDS)/PTO-1449 Citations
a. X Newly executed (original or copy)	13 Preliminary Amendment
Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed)	14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
i. <u>DELETION OF INVENTOR(S)</u>	15 X Certified Copy of Priority Document(s) (if foreign priority is claimed)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR	Request and Certification under 35 U.S.C. 122
1 63(d)(2) and 1 33(b)	(b)(2)(B)(i) Applicant must attach form P10/86/35
6. Application Data Sheet See 37 CFR 1.76	or its equivalent. See 1 in Addendum  Other:
18. If a CONTINUING APPLICATION, check appropriate box, and sup	pply the requisite information below and in a preliminary amendment.
or in an Application Data Sheet under 37 CFR 1.76:	
Continuation Divisional Continuation-in-part (CIP)	of prior application No/
Prior application information Examiner	Group Art Unit
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of t	he prior application, from which an oath or declaration is supplied under
Box 5b, is considered a part of the disclosure of the accompanying contiing. The incorporation can only be relied upon when a portion has been inadvention.	ertently omitted from the submitted application parts.
19. CORRESPOND	DENCE ADDRESS
X Customer Number or Bar Code Label (Insert Customer No. or Attach b	or Correspondence address below
Name	
Address	
City	State Zip Code
	elephone Fax
	Registration No. (Attorney/Agent) 22,466
Signature	Date May 25, 2001

Burden Hour Statement This form is estimated to take 0.2 hours to complete Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Box Patent Application. Washington, DC 20231

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Patent fees are subject to annual revision Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid See Forms PTO/SB/09-12 See 37 C F.R. §§ 1 27 and 1.28.

TOTAL AMOUNT OF PAYMENT

(\$)3,486.00

Complete if Known	
Application Number	
Filing Date	May 25, 2001
First Named Inventor	Tetsuya AOYAMA, ET AL
Examiner Name	
Group / Art Unit	
Attorney Docket No.	503.40146X00

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)			
The Commissioner is hereby authorized to charge  3. ADDITIONAL FEES				
1. Indicated fees and credit any overpayments to	Large Entity Small Entity Fee	Fee Paid		
Deposit 01 0125	Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	ree raiu		
Account Number 01-2135	105 130 205 65 Surcharge - late filing fee or oath	0.00		
Deposit Account Antonelli Terry Stout&Kraus IIP	127 50 227 25 Surcharge - late provisional filing fee or cover sheet	0.00		
Account Name Antonelli, Terry, Stout&Kraus, LLP	139 130 139 130 Non-English specification	0.00		
Charge Any Additional Fee Required Under 37 CFR §§ 1 16 and 1 17	147 2,520 147 2,520 For filing a request for reexamination	0.00		
Officer of Officer and fine	112 920* 112 920* Requesting publication of SIR prior to Examiner action	0.00		
2. ☑ Payment Enclosed: ☐ Check ☐ Money ☑ Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	0.00		
FEE CALCULATION	115 110 215 55 Extension for reply within first month	0 00		
	116 380 216 190 Extension for reply within second month	0 00		
1. BASIC FILING FEE	117 870 217 435 Extension for reply within third month	0.00		
Large Entity Small Entity Fee Fee Fee Fee Description	118 1,360 218 680 Extension for reply within fourth month	0 00		
Code (\$) Code (\$) Fee Paid	128 1,850 228 925 Extension for reply within fifth month	0 00		
101 690 201 345 Utility filing fee 710.00	119 300 219 150 Notice of Appeal	0.00		
106 310 206 155 Design filing fee	120 300 220 150 Filing a brief in support of an appeal	0.00		
107 480 207 240 Plant filing fee	121 260 221 130 Request for oral hearing	0.00		
108 690 208 345 Reissue filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding	0 00		
	140 110 240 55 Petition to revive - unavoidable	0 00		
SUBTOTAL (1) (\$) 710.00	141 1,210 241 605 Petition to revive - unintentional	0.00		
2. EXTRA CLAIM FEES Fee from	142 1,210 242 605 Utility issue fee (or reissue)	0 00		
Extra Claims below Fee Paid	143 430 243 215 Design issue fee	0 00		
Total Claims 157 -20** = 137 × 18 = 2466	144 580 244 290 Plant issue fee	0 00		
Independent 1 - 3** = 0 x 80 = 0	122 130 122 130 Petitions to the Commissioner	0 00		
Multiple Dependent 270 = 270	123 50 123 50 Petitions related to provisional applications	0 00		
**or number previously paid, if greater, For Reissues, see below	126 240 126 240 Submission of Information Disclosure Stmt	0 00		
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	40.00		
103 18 203 9 Claims in excess of 20	146 690 246 345 Filing a submission after final rejection (37 CFR § 1 129(a))	0.00		
102 78 202 39 Independent claims in excess of 3	149 690 249 345 For each additional invention to be			
104 260 204 130 Multiple dependent claim, if not paid	examined (37 CFR § 1 129(b))	0.00		
109 78 209 39 ** Reissue independent claims over original patent	Other fee (specify)	0.00		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)	0.00		
SUBTOTAL (2) (\$) 2,736.00	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40	0.00		
CURNITIED BY Complete (if applicable)				

Registration No Telephone 703-312-6600 22,466 Name (Print/Type) Melvin Kraus (Attorney/Agent) 2001 Signature

WARNING:

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## Addendum

1. Credit Card Payment Form Figs. 1A-C,2-3,4A-H,5-11,12A-H,13-15,16A-B,17A-D,18-19